

Title (en)
COMPUTER MOUSE MODULE

Title (de)
COMPUTERMAUSMODUL

Title (fr)
MODULE DE SOURIS D'ORDINATEUR

Publication
EP 4222585 A4 20240214 (EN)

Application
EP 20955487 A 20200929

Priority
CN 2020118654 W 20200929

Abstract (en)
[origin: WO2022067459A1] A computer mouse module (10) comprising a power supply component; a movement sensor (12), an encoder operable to encode data collected by the movement sensor (12), a transmitter for transmitting the encoded data to a computer and a physical connector (14) for detachably attaching a handle portion (11) to the computer mouse module (10). The computer mouse module (10) may be attached to the handle portion (11) to form a functioning mouse where a user grips the mouse handle portion (11) to control the mouse.

IPC 8 full level
G06F 3/038 (2013.01); **G06F 3/0354** (2013.01); **G06F 3/0362** (2013.01); **G06F 3/039** (2013.01)

CPC (source: EP US)
G06F 3/03543 (2013.01 - EP US); **G06F 3/0362** (2013.01 - EP US); **G06F 3/039** (2013.01 - EP US); **G06F 2203/0333** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2013154932 A1 20130620 - LIU EN [CN]
- [XYI] US 6590563 B1 20030708 - OROSS GLEN A [US], et al
- [Y] US 2020209981 A1 20200702 - UNNIKRISHNAN SREENATH [SG], et al
- [Y] US 2009189861 A1 20090730 - LEDBETTER CARL J [US], et al
- [Y] US 2005146500 A1 20050707 - CHENG YU-CHIH [TW]
- [Y] US 2014066826 A1 20140306 - AKIHISA YUICHI [JP], et al
- [Y] US 2019187819 A1 20190620 - ULLRICH CHRISTOPHER J [US], et al
- See also references of WO 2022067459A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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US 2023376127 A1 20231123

DOCDB simple family (application)

CN 2020118654 W 20200929; CN 202080079539 A 20200929; EP 20955487 A 20200929; US 202018042664 A 20200929